

CLAIMS

1. Method of controlling a landing guide path of an aircraft, comprising:
rotating a portion of an aerodynamic component to increase a drag without
influencing a lift.
- 5 2. The method according to claim 1, wherein the aerodynamic component
comprise a main body configured to be connected to a wing and a control member
connected to the main body, and rotating comprises rotating a portion of the control
member.
- 10 3. The method according to claim 2, wherein the control member comprises a
fixed member connected to the main body and a pivotable member connected to the
fixed member, and rotating comprises rotating the pivotable member.
- 15 4. The method according to claim 3, wherein the control member further
comprises a hinge member disposed between the fixed member and the pivotable
member, and rotating comprises rotating the pivotable member relative to the fixed
member via the hinge member.
5. The method according to claim 4, wherein the pivotable member comprises
a delta shape.
6. The method according to claim 4, wherein rotating comprises rotating the
pivotable member about an axis perpendicular to a major plane of the wing.
- 20 7. The method according to claim 4, wherein rotating comprises rotating the
pivotable member at least one of inwardly and outwardly.
8. The method according to claim 4, wherein rotating comprises rotating the
pivotable member both of inwardly and outwardly.
9. Method of steepening a landing guide path of an aircraft, comprising:

rotating a portion of an aerodynamic component to increase a drag without influencing a lift.

10. The method according to claim 9, wherein the aerodynamic component comprise a main body configured to be connected to a wing and a control member connected to the main body, and rotating comprises rotating a portion of the control member.

11. The method according to claim 10, wherein the control member comprises a fixed member connected to the main body and a pivotable member connected to the fixed member, and rotating comprises rotating the pivotable member.

10 12. The method according to claim 11, wherein the control member further comprises a hinge member disposed between the fixed member and the pivotable member, and rotating comprises rotating the pivotable member relative to the fixed member via the hinge member.

13. Method of controlling a landing guide path of an aircraft including an aerodynamic component having a main portion and a control portion, the main portion connected to a wing of the aircraft, and the control portion including a fixed member connected to a pivotable member, the method comprising:

rotating the pivotable member to increase a drag without influencing a lift.

14. The method according to claim 13, wherein rotating comprises rotating the pivotable member perpendicular to a major plane of the wing.

15. The method according to claim 14, wherein rotating comprises rotating the pivotable member in at least one of inwardly and outwardly.

16. The method according to claim 15, wherein rotating comprises rotating the pivotable member both inwardly and outwardly.